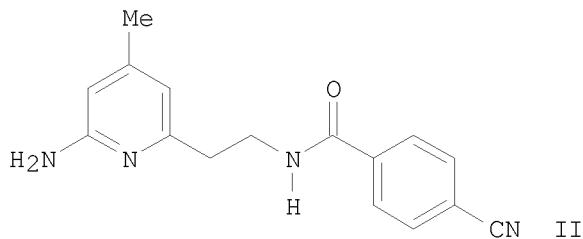
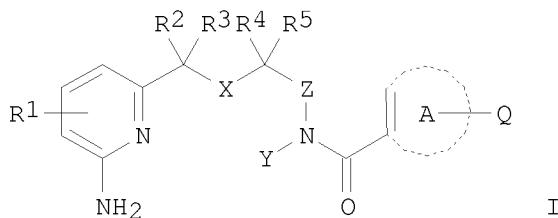


Reference U

L6 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2000:260244 HCAPLUS
 DOCUMENT NUMBER: 132:279120
 TITLE: Preparation of 2-aminopyridines as nitric oxide synthase inhibitors
 INVENTOR(S): Connolly, Stephen; Cox, David
 PATENT ASSIGNEE(S): AstraZeneca UK Limited, UK; AstraZeneca AB
 SOURCE: PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000021934	A1	20000420	WO 1999-SE1829	19991011
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			SE 1998-3518	A 19981015
OTHER SOURCE(S):	MARPAT	132:279120		
GI				



Reference U

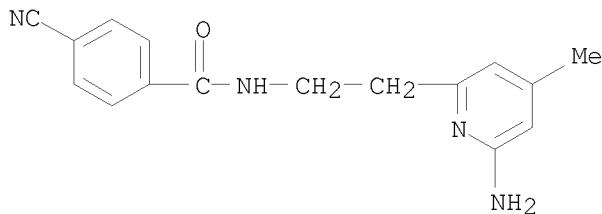
AB The title compds. [I; X = (CR₆R₇)_n; R₁ = H, alkyl, alkoxy, etc.; R₂-R₇ = H, alkyl; R₂R₄ = (CH₂)_m; Y = H, alkyl; R₂Y = (CH₂)_p; R₄Y = (CH₂)_p; Y is joined to the ortho position of ring A and represents (CH₂)_r; Z = a bond, CH₂; Q = H, alkyl, alkoxy, etc.; A = Ph, 5-membered heterocyclic containing 1-2 heteroatoms selected from O, S and N, 6-membered aromatic azacyclic ring containing 1-2 N atoms; m = 0-5; n = 0-3; p = 0-4; r = 0-3] and their pharmaceutically acceptable salts which are inhibitors of the enzyme nitric oxide synthase and are thereby particularly useful in the treatment of prophylaxis of inflammatory diseases such as inflammatory bowel disease, rheumatoid arthritis, and osteoarthritis, and pain, were prepared E.g., a multi-step synthesis of aminopyridine II.HCl which showed IC₅₀ of < 25 μ M against the human form of induced nitric oxide synthase, was given.

IT 263894-83-3P 263894-85-5P 263894-93-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of 2-aminopyridines as nitric oxide synthase inhibitors)

RN 263894-83-3 HCAPLUS

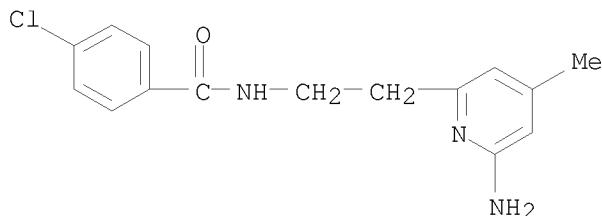
CN Benzamide, N-[2-(6-amino-4-methyl-2-pyridinyl)ethyl]-4-cyano-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 263894-85-5 HCAPLUS

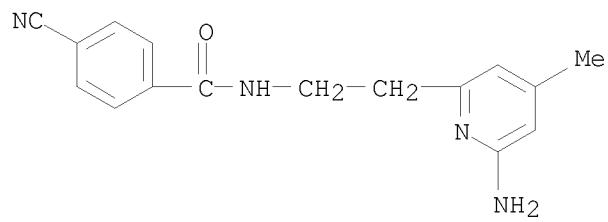
CN Benzamide, N-[2-(6-amino-4-methyl-2-pyridinyl)ethyl]-4-chloro- (CA INDEX NAME)



RN 263894-93-5 HCAPLUS

CN Benzamide, N-[2-(6-amino-4-methyl-2-pyridinyl)ethyl]-4-cyano- (CA INDEX NAME)

Reference U



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